In the Specification:

Please replace paragraph [0005] with the following amended paragraph:

[0005] Fig. 1 shows a prior art example of the components generally employed in the manufacturing of an oscillator 10. In Fig. 1, an oscillator 10 is shown to include an inductor 12 having an inductance L connected to a capacitor 14 with variable capacitance C. The active components included in the oscillator 10 are two bipolar transistors (Q) 15 and a current source (I) [[16]] 17, which provide positive feedback for oscillation. The frequency of the oscillator is generally determined by the value of L and C. The inductance L typically remains constant or fixed, whereas, the value of C is changed to create a variable capacitor for effecting locking onto a range of frequencies.